

CASE

NUMBER:

99-071

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

MOREHEAD STATE UNIVERSITY)
INVESTIGATOIN INTO ALLEGED VIOLATIONS)
OF 807 KAR 5:022, SECTIONS 4(13); 9(13);) CASE NO.
10(4); 10(16); 13(9); 14(5)©; 14(13)(d); 14(21);) 99-071
14(23), AND 14(25) AND 49 CFR 192.201;)
192.375; 192.455; 192.479; 192.615; 192.707;)
192.723; 192.739; 192.743; AND 192.747)

RECEIPT OF PAYMENT

This is to acknowledge receipt of one check in the amount of \$500.00, payable to Treasurer, Commonwealth of Kentucky on October 25, 1999 from Morehead State University. This represents full payment of the penalty assessed against them in the above-styled action.

Stephanie J. Bell

Stephanie Bell
Secretary of the Commission

Dated November 3, 1999



COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION

730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KY. 40602
(502) 564-3940

CERTIFICATE OF SERVICE

RE: Case No. 99-071
MOREHEAD STATE UNIVERSITY

I, Stephanie Bell, Secretary of the Public Service Commission, hereby certify that the enclosed attested copy of the Commission's Order in the above case was served upon the following by U.S. Mail on October 20, 1999.

Parties of Record:

Ronald G. Eaglin
President
Morehead State University
W. H. Rice Service Building
UPO 831
Morehead, KY. 40351 1689

Honorable Jon A. Woodall
Counsel for Morehead State
McBrayer, McGinnis, Leslie &
Kirkland, PLLC
163 West Short Street
Suite 300
Lexington, KY. 40507

Stephanie D. Bell

Secretary of the Commission

SB/sa
Enclosure

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

MOREHEAD STATE UNIVERSITY)	
_____)	
INVESTIGATION INTO ALLEGED)	
VIOLATIONS OF 807 KAR 5:022,)	
SECTIONS 4(13); 9(13); 10(4);)	CASE NO. 99-071
10(16); 13(9); 14(5)(c); 14(13)(d);)	
14(21); 14(23), AND 14(25) AND)	
49 CFR 192.201; 192.375; 192.455;)	
192.479; 192.615; 192.707; 192.723;)	
192.739; 192.743; AND 192.747)	

O R D E R

On March 9, 1999, the Commission directed Morehead State University ("MSU") to appear at a hearing to show cause why it should not be penalized, pursuant to KRS 278.990(1) and KRS 278.992(1), for its alleged violations of Commission regulation 807 KAR 5:022 and the corresponding and respective parts and sections of the Natural Gas Pipeline Safety Act of 1968 and any subsequent amendments thereof (49 CFR 192).

Shortly after the commencement of this proceeding, MSU and Commission Staff entered into negotiations to resolve all outstanding issues. On the 22nd day of September, 1999, they executed a Settlement Agreement, which is appended hereto. In reviewing the Settlement Agreement, the Commission has considered, *inter alia*, the circumstances and seriousness surrounding the alleged violations relative to MSU's natural gas distribution system that is the subject of this proceeding, and MSU's efforts

to comply with the Commission's regulations. After reviewing the Settlement Agreement and being otherwise sufficiently advised, the Commission finds that the Agreement is in accordance with the law, does not violate any regulatory principle, results in a reasonable solution of this case, and is in the public interest.

IT IS THEREFORE ORDERED that:

1. The Settlement Agreement is incorporated into this Order as if fully set out herein.
2. The terms and conditions set forth in the Settlement Agreement are hereby adopted and approved.
3. Within 10 days of the date of this Order, MSU shall pay to the Commonwealth of Kentucky the sum of Five Hundred Dollars (\$500). This payment shall be in the form of a cashier's check made payable to "Treasurer, Commonwealth of Kentucky," and shall be mailed or delivered to the Office of General Counsel, Public Service Commission, 730 Schenkel Lane, Post Office Box 615, Frankfort, Kentucky 40602.
4. This case is closed and shall be removed from the Commission's docket.

Done at Frankfort, Kentucky, this 20th day of October, 1999.

By the Commission

ATTEST:


Executive Director

APPENDIX

APPENDIX TO AN ORDER OF THE
KENTUCKY PUBLIC SERVICE COMMISSION

IN CASE NO. 99-071

DATED OCTOBER 20, 1999

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

MOREHEAD STATE UNIVERSITY)
_____))
INVESTIGATION INTO ALLEGED)
VIOLATIONS OF 807 KAR 5:022,)
SECTIONS 4(13); 9(13); 10(4);) CASE NO. 99-071
10(16); 13(9); 14(5)(c); 14(13)(d);)
14(21); 14(23), AND 14(25) AND)
49 CFR 192.201; 192.375; 192.455;)
192.479; 192.615; 192.707; 192.723;)
192.739; 192.743; AND 192.747)

SETTLEMENT AGREEMENT

This Settlement Agreement, made and entered into on this 22 day of September, 1999, between Morehead State University ("MSU") and the Staff of the Public Service Commission ("Commission Staff").

WITNESSETH:

WHEREAS, Commission Staff issued a Comprehensive Inspection Report ("Report") dated January 11, 1999 detailing an inspection conducted on December 17, 1998. This inspection was conducted of a natural gas system operated and maintained by MSU as a master-meter gas system. The inspection was conducted by Commission Staff member, David Kinman, together with Joe Planck and Todd Thacker of MSU.

WHEREAS, on March 9, 1999, the Public Service Commission ("Commission") entered a show cause Order in Case No. 99-071 against MSU in which it found sufficient evidence to believe that MSU failed to comply with 10 sections of

807 KAR 5:022 and the corresponding and respective parts and sections of the Natural Gas Pipeline Safety Act of 1968 and subsequent revisions thereof (49 CFR 192).

WHEREAS, the Commission ordered MSU to show cause why it should not be subject to the penalties of KRS 278.990(1) and KRS 278.990(2)(1) for its alleged violations and the parties hereto desire to enter into this Settlement Agreement to resolve the issues raised by the Commission's show cause Order, and have in furtherance thereto entered into the stipulations included herein and set out below:

NOW, THEREFORE, the parties hereto mutually stipulate as follows:

1. MSU is an institution of higher education located in Morehead, Kentucky.
2. MSU is a master meter gas system receiving its gas through the Morehead Municipal Gas System.
3. MSU distributes its gas through a network of plastic and steel gas lines pressurized at approximately 20 pounds per square inch gage to numerous housing units, dormitories, classrooms, and other campus buildings used for various purposes, including cooking, heat, and hot water.
4. MSU has a duty to comply with the provisions of Chapter 278 of the Kentucky Revised Statutes, Commission regulations (807 KAR 5:022) and 49 U.S.C., Section 60101, *et seq.*
5. Commission regulations and federal standards involved in the Commission's show cause Order are as follows:
 - a. 807 KAR 5:022, Section 4(13) and 49 CFR 192.201. There are no calculations available to prove that the relief valves are adequate in size and capacity to prevent over-pressure.

b. 807 KAR 5:022, Section 9(13) and 49 CFR 192.375. Above ground plastic pipe was found at Nunn Hall Dormitory..

c. 807 KAR 5:022, Section 10(4) and 49 CFR 192.455. The risers at the Lakewood Apartments married-student area are not cathodically protected..

d. 807 KAR 5:022, Section 10(16) and 49 CFR 192.479. The risers at Mignon Hall Dormitory show evidence of atmospheric corrosion..

e. 807 KAR 5:022, Section 13(9) and 49 CFR 192.615. The emergency plan does not establish written procedures to minimize hazards resulting from pipeline emergencies..

f. 807 KAR 5:022, Section 14(5)(c) and 49 CFR 192.707. The regulator station does not have a sign denoting ownership and a telephone number to call in the event of an emergency..

g. 807 KAR 5:022, Section 14(13)(d) and 49 CFR 192.723. Leakage was noted at Mignon Hall and Nunn Hall Dormitories..

h. 807 KAR 5:022, Section 14(21) and 49 CFR 192.739. The system regulators have not been inspected annually..

i. 807 KAR 5:022, Section 14(23) and 49 CFR 192.743. The system relief valves have not been tested annually..

j. 807 KAR 5:022, Section 14(25) and 49 CFR 192.747. Key valves are not tested annually..

6. By way of a Response and a Supplemental Response filed by MSU, the above-stated and alleged violations have been either corrected or a compliance schedule has been submitted and approved by Commission Staff to correct the

violations in a timely manner. It is noted that MSU took immediate remedial measures to address the issues prior to the show cause Order being issued by the Commission. Further, MSU has agreed to update on a regular basis the training procedures and educational matters necessary to operate a proper distribution system.

7. These stipulations are prepared by Commission Staff and MSU for purposes of reaching a settlement of Case No. 99-071. In the event that such settlement is not reached, or the Commission does not adopt this Settlement Agreement, these proposed stipulations will be withdrawn.

8. Nothing contained herein shall be construed as an admission of a violation(s) of any Commission regulation or federal regulation by MSU, nor shall the Commission's acceptance of this Agreement be construed as a finding of a violation(s) as stated and the facts contained shall not be cited as precedent in any other proceeding except to enforce this Settlement Agreement.

9. If this Settlement Agreement is adopted by the Commission, it shall be binding upon MSU, its agents and representatives, and MSU waives any and all rights, statutory or otherwise, to challenge the Agreement before the Commission at hearing and MSU shall not petition for hearing, rehearing, or seek judicial review.

NOW, THEREFORE, MSU and Commission Staff agree that:

1. MSU shall pay a civil penalty of Five Hundred Dollars (\$500).
2. Within 10 days after the entry of an Order approving this Settlement Agreement, MSU shall pay to the order of the Commonwealth of Kentucky Five Hundred Dollars (\$500). This payment shall be in the form of a check made payable to "Treasurer, Commonwealth of Kentucky" and shall be mailed or delivered to the Office

of General Counsel, Public Service Commission, 730 Schenkel Lane, Post Office Box 615, Frankfort, Kentucky 40602.

3. This Agreement is subject to the acceptance of , approval by, and adoption by the Commission.

4. Nothing contained herein shall be construed as an admission of a violation of any Commission regulation by MSU, nor shall the Commission's acceptance of this Settlement Agreement be construed as a finding of a violation of a Commission regulation or federal regulation by MSU. This Settlement Agreement and stipulations contained herein may not be cited in any other matter or proceeding except to be used in a proceeding between the Commission and MSU to enforce the Settlement Agreement. This case shall be terminated upon the entry of a Commission Order accepting this Settlement Agreement in satisfaction of the show cause Order of March 9, 1999.

5. If the Commission fails to accept and approve this Settlement Agreement in its entirety, this proceeding shall go forward and each of the terms of the Settlement Agreement or any matters raised during the negotiations or contained herein shall not be binding upon any of the signatories.

6. If the Commission accepts and adopts this Settlement Agreement in its entirety and enters an Order in this proceeding to that effect, MSU shall not apply for rehearing in this matter, nor bring an action for review of that Order.

AGREED TO BY:

MOREHEAD STATE UNIVERSITY

By *Robert Kenley*
(name)

8-31-99
(date)

Vice President for Administration & Fiscal Services
(title) and Treasurer

MOREHEAD STATE UNIVERSITY

By *[Signature]*
Jon A. Woodall, Esq.
Counsel for Morehead State University

9/2/99
(date)

PUBLIC SERVICE COMMISSION OF KENTUCKY

By *Dale Wright*
Dale Wright, Staff Attorney

September 22, 1999
(date)



COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION
730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KENTUCKY 40602
www.psc.state.ky.us
(502) 564-3940

Ms. Helen C. Helton
Executive Director
Public Service Commission
Post Office Box 615
Frankfort, Kentucky 40602

Re: Case No. 99-071

Dear Ms. Helton:

Attached please find a Settlement Agreement entered into between Morehead State University and Staff for filing in the above-referenced case. The signatories to this Settlement Agreement request that the Commission review and approve it as quickly as possible.

Sincerely,

A handwritten signature in black ink, appearing to read "Dale Wright", with a long horizontal line extending to the right.

Dale Wright
Staff Attorney

Attachment

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

RECEIVED

SEP 3 1999

GENERAL COUNSEL

In the Matter of:

MOREHEAD STATE UNIVERSITY)
_____)
INVESTIGATION INTO ALLEGED)
VIOLATIONS OF 807 KAR 5:022,)
SECTIONS 4(13); 9(13); 10(4);)
10(16); 13(9); 14(5)(c); 14(13)(d);)
14(21); 14(23), AND 14(25) AND)
49 CFR 192.201; 192.375; 192.455;)
192.479; 192.615; 192.707; 192.723;)
192.739; 192.743; AND 192.747)

CASE NO. 99-071

SETTLEMENT AGREEMENT

This Settlement Agreement, made and entered into on this 22 day of September, 1999, between Morehead State University ("MSU") and the Staff of the Public Service Commission ("Commission Staff").

WITNESSETH:

WHEREAS, Commission Staff issued a Comprehensive Inspection Report ("Report") dated January 11, 1999 detailing an inspection conducted on December 17, 1998. This inspection was conducted of a natural gas system operated and maintained by MSU as a master-meter gas system. The inspection was conducted by Commission Staff member, David Kinman, together with Joe Planck and Todd Thacker of MSU.

WHEREAS, on March 9, 1999, the Public Service Commission ("Commission") entered a show cause Order in Case No. 99-071 against MSU in which it found sufficient evidence to believe that MSU failed to comply with 10 sections of

807 KAR 5:022 and the corresponding and respective parts and sections of the Natural Gas Pipeline Safety Act of 1968 and subsequent revisions thereof (49 CFR 192).

WHEREAS, the Commission ordered MSU to show cause why it should not be subject to the penalties of KRS 278.990(1) and KRS 278.990(2)(1) for its alleged violations and the parties hereto desire to enter into this Settlement Agreement to resolve the issues raised by the Commission's show cause Order, and have in furtherance thereto entered into the stipulations included herein and set out below:

NOW, THEREFORE, the parties hereto mutually stipulate as follows:

1. MSU is an institution of higher education located in Morehead, Kentucky.
2. MSU is a master meter gas system receiving its gas through the Morehead Municipal Gas System.
3. MSU distributes its gas through a network of plastic and steel gas lines pressurized at approximately 20 pounds per square inch gage to numerous housing units, dormitories, classrooms, and other campus buildings used for various purposes, including cooking, heat, and hot water.
4. MSU has a duty to comply with the provisions of Chapter 278 of the Kentucky Revised Statutes, Commission regulations (807 KAR 5:022) and 49 U.S.C., Section 60101, *et seq.*
5. Commission regulations and federal standards involved in the Commission's show cause Order are as follows:
 - a. 807 KAR 5:022, Section 4(13) and 49 CFR 192.201. There are no calculations available to prove that the relief valves are adequate in size and capacity to prevent over-pressure.

b. 807 KAR 5:022, Section 9(13) and 49 CFR 192.375. Above ground plastic pipe was found at Nunn Hall Dormitory..

c. 807 KAR 5:022, Section 10(4) and 49 CFR 192.455. The risers at the Lakewood Apartments married-student area are not cathodically protected..

d. 807 KAR 5:022, Section 10(16) and 49 CFR 192.479. The risers at Mignon Hall Dormitory show evidence of atmospheric corrosion..

e. 807 KAR 5:022, Section 13(9) and 49 CFR 192.615. The emergency plan does not establish written procedures to minimize hazards resulting from pipeline emergencies..

f. 807 KAR 5:022, Section 14(5)(c) and 49 CFR 192.707. The regulator station does not have a sign denoting ownership and a telephone number to call in the event of an emergency..

g. 807 KAR 5:022, Section 14(13)(d) and 49 CFR 192.723. Leakage was noted at Mignon Hall and Nunn Hall Dormitories..

h. 807 KAR 5:022, Section 14(21) and 49 CFR 192.739. The system regulators have not been inspected annually..

i. 807 KAR 5:022, Section 14(23) and 49 CFR 192.743. The system relief valves have not been tested annually..

j. 807 KAR 5:022, Section 14(25) and 49 CFR 192.747. Key valves are not tested annually..

6. By way of a Response and a Supplemental Response filed by MSU, the above-stated and alleged violations have been either corrected or a compliance schedule has been submitted and approved by Commission Staff to correct the

violations in a timely manner. It is noted that MSU took immediate remedial measures to address the issues prior to the show cause Order being issued by the Commission. Further, MSU has agreed to update on a regular basis the training procedures and educational matters necessary to operate a proper distribution system.

7. These stipulations are prepared by Commission Staff and MSU for purposes of reaching a settlement of Case No. 99-071. In the event that such settlement is not reached, or the Commission does not adopt this Settlement Agreement, these proposed stipulations will be withdrawn.

8. Nothing contained herein shall be construed as an admission of a violation(s) of any Commission regulation or federal regulation by MSU, nor shall the Commission's acceptance of this Agreement be construed as a finding of a violation(s) as stated and the facts contained shall not be cited as precedent in any other proceeding except to enforce this Settlement Agreement.

9. If this Settlement Agreement is adopted by the Commission, it shall be binding upon MSU, its agents and representatives, and MSU waives any and all rights, statutory or otherwise, to challenge the Agreement before the Commission at hearing and MSU shall not petition for hearing, rehearing, or seek judicial review.

NOW, THEREFORE, MSU and Commission Staff agree that:

1. MSU shall pay a civil penalty of Five Hundred Dollars (\$500).
2. Within 10 days after the entry of an Order approving this Settlement Agreement, MSU shall pay to the order of the Commonwealth of Kentucky Five Hundred Dollars (\$500). This payment shall be in the form of a check made payable to "Treasurer, Commonwealth of Kentucky" and shall be mailed or delivered to the Office

of General Counsel, Public Service Commission, 730 Schenkel Lane, Post Office Box 615, Frankfort, Kentucky 40602.

3. This Agreement is subject to the acceptance of , approval by, and adoption by the Commission.

4. Nothing contained herein shall be construed as an admission of a violation of any Commission regulation by MSU, nor shall the Commission's acceptance of this Settlement Agreement be construed as a finding of a violation of a Commission regulation or federal regulation by MSU. This Settlement Agreement and stipulations contained herein may not be cited in any other matter or proceeding except to be used in a proceeding between the Commission and MSU to enforce the Settlement Agreement. This case shall be terminated upon the entry of a Commission Order accepting this Settlement Agreement in satisfaction of the show cause Order of March 9, 1999.

5. If the Commission fails to accept and approve this Settlement Agreement in its entirety, this proceeding shall go forward and each of the terms of the Settlement Agreement or any matters raised during the negotiations or contained herein shall not be binding upon any of the signatories.

6. If the Commission accepts and adopts this Settlement Agreement in its entirety and enters an Order in this proceeding to that effect, MSU shall not apply for rehearing in this matter, nor bring an action for review of that Order.

AGREED TO BY:

MOREHEAD STATE UNIVERSITY

By *Robert Deady*
(name)

8-31-99
(date)

Vice President For Administration & Fiscal Services
(title) and Treasurer

MOREHEAD STATE UNIVERSITY

By *[Signature]*
Jon A. Woodall, Esq.
Counsel for Morehead State University

9/2/99
(date)

PUBLIC SERVICE COMMISSION OF KENTUCKY

By *Dale Wright*
Dale Wright, Staff Attorney

September 22, 1999
(date)

RECEIVED

JUN 10 1999

GENERAL COUNSEL

Morehead State University
Office of Physical Plant
UPO 831
Morehead, Kentucky 40351-1689
Phone: 606-783-2066
Fax: 606-783-2213



RECEIVED
JUN 18 1999
PUBLIC SERVICE
COMMISSION

To: Larry Ambrose File
From: Gene Candill Date: 6/7/99
Re: Page: 36
CC:

Urgent For Review Please Comment Please Reply Please Recycle

I MARKED 10 INSIDE REGULATORS THAT I ~~RECOMMENDED~~ RECOMMENDED TO TODD THACKER THAT THEY BE CHECKED ANNUALLY.

Morehead State University

Case No. 99-071



.....

MOREHEAD STATE UNIVERSITY

GAS REGULATOR INSPECTION

REGULATOR & PRESSURE RELIEF DATA

MAY 1999

**Moore Pipeline Corrosion Services
1083 Iroquois Dr.
Mt. Sterling, Kentucky 40353
606-498-2516**

MOREHEAD STATE UNIVERSITY
REGULATOR, RELIEF INSPECTION DATA

ALLIE YOUNG BUILDING

Meter Location Inside-Outside OUTSIDE

Inlet Shut Off Valve Size & Location (inside or out) 2" OUTSIDE

Meter Kind & Size SINGER 3.5

Regulator Location OUTSIDE

Regulator Kind & Size AMERICAN RELIANCE 1803 ORFICE 3/8"

Regulator Lock Up = (20 PSI) INLET (29 PSI) OUTLET

Relief Valve Size & Condition. 1" INTERNAL RELIEF OUTSIDE

Relieved At. What Pressure N/A INTERNAL RELIEF - SEE 5-1099 BELOW

Corrections Needed or Important Notes: SPRING RANGE 11.5-28 IN

REG FEED 6.5

5-1099 OLD REGULATOR WOULD NOT RELIEVE -

INSTALLED NEW EQUIPMENT REGULATOR # 243-12

SPRING RANGE 5-8 1/2 LOCK UP 9" WG FEELS 7" WG

RELIEVES AT 11" WG. GREASED 2" PLUG VALVE

FRANK WITTAKER

Inspection Completed by Frank Wittaker Date 1-27-99

Yearly

MOREHEAD STATE UNIVERSITY
REGULATOR, RELIEF INSPECTION DATA

ALUMNI TOWER

Meter Location Inside-Outside INSIDE

Inlet Shut Off Valve Size & Location (inside or out) INSIDE 2"

Meter Kind & Size AMERICAN 7M125

Regulator Location INSIDE

Regulator Kind & Size 1" FISHER S201-623 ORFICE 34 8-18.5 u.

Regulator Lock Up = (10.5) INLET OR (29") OUTLET OR ()

Relief Valve Size & Condition. INTERNAL RELIEF

Relieved At. What Pressure N/A - SEE 5-14-99 Below

Corrections Needed or Important Notes:

DUAL REGULATORS.

#1 FISHER S201-623-

RELIEF 12.5" WC

LOCK UP 10.1" WC

FERRS 9" WC

#2 EQUIMON 243-12 (INSTALLED NEW)

RELIEF 12.0" WC

LOCK UP 9.9" WC

FERRS 9" WC

Have Some Leaks Plugged off advised Todd Harker

FRANK WHITTON

Inspection Completed by Frank Whitton Date 1-26-99

YEARLY

MOREHEAD STATE UNIVERSITY
REGULATOR, RELIEF INSPECTION DATA

BAIRD MUSIC BUILDING

Meter Location Inside-Outside INSIDE

Inlet Shut Off Valve Size & Location (inside or out) 1" OUTSIDE

Meter Kind & Size ROCKWELL 2500 METER # 5016570

Regulator Location OUTSIDE

Regulator Kind & Size ROCKWELL 243 1/2" ORifice = 1/4" X 10

Regulator Lock Up = (10" INLET PR (10") OUTLET PR (17" WC)

Relief Valve Size & Condition. 1" INTERNAL RELIEF

Relieved At. What Pressure NA SEE 5-6-99 BROW.

Corrections Needed or Important Notes:

5-6-99 - OLD REGULATOR WOULD NOT RELIEVE
METER AND NEW 1" LANCASTER #61 REGULATOR
SPRING RANGE 4-8" - LOCK UP 7 1/2" FEELS 7"
RELIEFS AT 8 1/2" WC

FRANK WHITTAKER

Inspection Completed by Frank Whittaker Date 1-27-99

YEARLY

MOREHEAD STATE UNIVERSITY
REGULATOR, RELIEF INSPECTION DATA

CARTMELL BUILDING (Did not do M&R Inspection on this building.)

Meter Location Inside-Outside INSIDE
Inlet Shut Off Valve Size & Location (inside or out) 2" INSIDE
Meter Kind & Size AMAL 5000
Regulator Location INSIDE
Regulator Kind & Size FISHER 99 ORFICE = 3/16
Regulator Lock Up = (17" IN) INLET (29") OUTLET (17" WL)
Relief Valve Size & Condition 2" 289H-2

Relieved At. What Pressure FULL OF WATER
Corrections Needed or Important Notes: RELIEF VALVE FULL OF WATER NEEDS
TO BE CHANGED (289-H)

5-5-99 - WATER IN RELIEF VALVE 289H-2
SPRING RANGE 1/2 - 2 1/2 PSI 2" INLET + OUTLET

5-14-99 - INSTALLED NEW RELIEF VALVE SET 21" WL
REMOVED AT 32" WL.
FRANK WINTHROP

Inspection Completed by Frank Wintrop Date 1-27-99

YEARLY

MOREHEAD STATE UNIVERSITY
REGULATOR, RELIEF INSPECTION DATA

FIELDS HALL

Meter Location Inside-Outside INSIDE
Inlet Shut Off Valve Size & Location (inside or out) 1/2 INSIDE
Meter Kind & Size AMPUL 800
Regulator Location INSIDE
Regulator Kind & Size 1813-0 OFFICE
Regulator Lock Up = (5") INLET (29#) OUTPUT
Relief Valve Size & Condition INTERNAL RELIEF

Relieved At. What Pressure NA SEE 5-6-99 Below
Corrections Needed or Important Notes: 1/2 COPPER SWEAT FITTINGS ON REG
VENT NEEDS TO BE REPLACED WITH 1/2 BIK STEEL O.K.

5-6-99 - SPINDS RANGE 5 1/2 - 8" WC
LOCK UP = 10" WC
FANS 8" WC
RELIEF AT 16" WC

SHUT OFF VALVE IS AFTER REGULATOR!

FRANK WHITMAN

Inspection Completed by Frank E. Whitaker Date 1-27-99

YEARLY

MOREHEAD STATE UNIVERSITY REGULATOR, RELIEF INSPECTION DATA

I. APPIN BUILDING

Meter Location Inside-Outside Inside

Inlet Shut Off Valve Size & Location (inside or out) inside - 1"

Meter Kind & Size JC 250-R

Regulator Location Inside

Regulator Kind & Size 1st Cut Fisher 99 Down stream control 1 1/2"

Regulator Lock Up = (23) INLET (29") OUTLET (23")

Relief Valve Size & Condition. Two Relief Lines Tied together and Full of water.

Relieved At. What Pressure ? Full of water.

Corrections Needed or Important Notes:

2nd stage Regulator Fisher S 202. Relief valve in with 3" line cannot check. (see note) we need to replace relief valve. (2") - (289-H) water IN. Relief valve.

S-5-99 RELIEF VALVE FULL OF WATER - SPRING RANGE 1/2 - 2 1/4 PST 289 H-2 3" INLET AND OUTLET

S-14-99. REPLACE 2" RELIEF VALVE INLET PRESSURE 31 INCHES WC RELIEF AT 32" WC. INSTALLED RAIN CAP TOP OUTSIDE.

NOTE RELIEF VALVE LINE INSTALLED BY COLLEGE MAINTENANCE

Inspection Completed by Frank Whitaker Date 1-27-99

YEARLY

MOREHEAD STATE UNIVERSITY
REGULATOR, RELIEF INSPECTION DATA

LIBRARY TOWER

Meter Location Inside-Outside INSIDE
Inlet Shut Off Valve Size & Location (inside or out) 1" OUTSIDE
Meter Kind & Size NOT METEED
Regulator Location OUTSIDE
Regulator Kind & Size Rockwell 143 OFFICE
Regulator Lock Up = () INLET (29") OUTLET ()
Relief Valve Size & Condition.

Relieved At. What Pressure NA - See 5-6-99 Report

Corrections Needed or Important Notes: NO TEST PWD TO CHECK LOCK UP
Surplus Generator only (no meter)

5-6-99 - INSTALLED NEW REGULATOR OLD REG WOULD
NOT REGULATE - INSTALLED 1" LANCASTER #61
LOCK UP 8" WC FEELS 7" WC REGULATES AT 12" WC

FRANK WHITMAN

Inspection Completed by Frank Whitman Date 1-27-99

MOREHEAD STATE UNIVERSITY
REGULATOR, RELIEF INSPECTION DATA

MAYS HALL

Meter Location inside-Outside OUTSIDE

Inlet Shut Off Valve Size & Location (inside or out) 2" OUTSIDE

Meter Kind & Size AMAL 175 20LTR

Regulator Location OUTSIDE

Regulator Kind & Size SCHLUMBERGER 0362 OFFICE N/A

Regulator Lock Up = () INLET (29th) OUTLET ()

Relief Valve Size & Condition. N/A

Relieved At. What Pressure N/A See 5-6-99 Below

Corrections Needed or Important Notes: INTERNAL RELIEF

5-6-99 (METAL HAS BEEN REMOVED.)

LOCKS UP - 10" WC

FRUITS 8" WC

RELIEFS 20" WC

FRANK WILSON

Inspection Completed by Frank D. White Date 1-27-99

MOREHEAD STATE UNIVERSITY REGULATOR, RELIEF INSPECTION DATA

NORMAL

Meter Location Inside-Outside OUTSIDE

Inlet Shut Off Valve Size & Location (inside or out) 2" OUTSIDE

Meter Kind & Size AMAL 800

Regulator Location OUTSIDE

Regulator Kind & Size FISHER S102 ORFICE 3/8

Regulator Lock Up = (11.5) INLET (29#) OUTLET (11" WC)

Relief Valve Size & Condition. INTERNAL DEVICE

Relieved At. What Pressure NA 5-10-99 Below

Corrections Needed or Important Notes:

REGULATOR FEELS 11" WC (FISHER S102) 3/8" ORFICE

LOCK UP 11 1/2" WC

RELIEF 20" WC

FRANK WHITMAN

Inspection Completed by Frank Whitman Date 1-27-99

**MOREHEAD STATE UNIVERSITY
REGULATOR, RELIEF INSPECTION DATA**

NUNN HALL

Meter Location Inside-Outside N/A
 Inlet Shut Off Valve Size & Location (inside or out) 1/2" OUTSIDE
 Meter Kind & Size N/A
 Regulator Location OUTSIDE
 Regulator Kind & Size 1813-C SINGLE (NEW) ORifice 3/16
 Regulator Lock Up. = (7" WC) INLET (29" WC) OUTLET (7" WC)
 Relief Valve Size & Condition. INTERNAL RELIEF

Relieved At. What Pressure N/A .566 5-5-99 Below

Corrections Needed or Important Notes: METER HAS BEEN REMOVED

5-5-99 MAINTO WORK INSTALLED NEW REG

FRANKLIN 1813C

SPRING RANGE 5.5-8.5"

LOCKED UP 8" WC

FRANK 17" WC

RELIEF 16" WC

Frank W. H. H. H.

Inspection Completed by Frank W. H. H. H. Date 1-27-99

MOREHEAD STATE UNIVERSITY REGULATOR, RELIEF INSPECTION DATA

PRESIDENTS HOME. (Did not do M&R inspection here.)

Meter Location Inside-Outside OUTSIDE

Inlet Shut Off Valve Size & Location (inside or out) OUTSIDE

Meter Kind & Size AMERICAN 30-LITE

Regulator Location OUTSIDE

Regulator Kind & Size AMERICAN 1813-C ORFACIS V4 6-15 w.c.

Regulator Lock Up = (10" w.c.) INLET (29" w.c.) OUTLET (10" w.c.)

Relief Valve Size & Condition. INTERNAL RELIEF

Relieved At. What Pressure N/A SEE - 5-10-99 Below.

Corrections Needed or Important Notes:

EXISTING REGULATOR WOULD NOT RELIEVE -
INSTALL NEW REGULATOR LANCASTER # 61
FUSION 17" WC
LOCK UP 7 1/2" WC
RELIEF 11" WC
THANK YOU

Inspection Completed by Spencer Whiteaker Date 1-28-99

YEARLY

MOREHEAD STATE UNIVERSITY
REGULATOR, RELIEF INSPECTION DATA

RADER HALL

Meter Location Inside-Outside INSIDE

Inlet Shut Off Valve Size & Location (inside or out) 1/2 INSIDE

Meter Kind & Size AMERICAN AMAL 800

Regulator Location INSIDE

Regulator Kind & Size FISHER S202 OFFICE

Regulator Lock Up = (7 1/2 psi) INLET (29 psi) OUTPUT ()

Relief Valve Size & Condition. 1" REDUCED TO 3/4

Relieved At. What Pressure N/A INTERNAL RELIEF SET 5-6.99 Below

Corrections Needed or Important Notes: SPRING RANGE 5.9 IN. Reg. VENT
NEEDS TO BE REPLACED WITH 1" ALL THE WAY OUT
5-6.99 REGULATOR VENT LINE OR. NON.
SPRING RANGE = 0-14" WC
LOCK UP 8" WC
FRAS 7 1/2" WC
RELIEF 16" WC

FRANK WHITMAN

Inspection Completed by Frank Whitman Date 1-27-99

YEARLY

MOREHEAD STATE UNIVERSITY
REGULATOR, RELIEF INSPECTION DATA

REED HALL

Meter Location Inside-Outside INSIDE
Inlet Shut Off Valve Size & Location (inside or out) 2" INSIDE
Meter Kind & Size ROCKWELL 10,000 METERS B21766
Regulator Location INSIDE -
Regulator Kind & Size FISHER S202 1 1/2" OFFICE
Regulator Lock Up = (14.5 IN) INLET (29") OUTLET (14.5" WC)
Relief Valve Size & Condition. NO RELIEF LINE ON REG

Relieved At. What Pressure N/A INTERNAL RELIEF SEE 5-6-99 BORN
Corrections Needed or Important Notes: NEEDS 1" VENT LINE RAN OUTSIDE OF BUILDING. IT HAS 2" FISHER RELIEF VENTER OUTSIDE AND RELIEFS AT 20 IN

5-6-99 RELIEF LINES HAVE BEEN CONNECTED TO REG BY ADJUNT DUPT.
REG FEELS AT 13" WC
LOCKS UP 14" WC
RELIEFS AT 22" WC

FRANK WHITMAN

Inspection Completed by Frank Whitman Date 1-27-99

YEARLY

MOREHEAD STATE UNIVERSITY
REGULATOR, RELIEF INSPECTION DATA

REGENTS HALL

Meter Location Inside-Outside INSIDE

Inlet Shut Off Valve Size & Location (inside or out) 2" INSIDE

Meter Kind & Size ROCKWELL 2200

Regulator Location INSIDE

Regulator Kind & Size FISHER S302 ORifice 3/8 6-14 WSPR-1

Regulator Lock Up = (12") INLET (29") OUTLET (12" WC)

Relief Valve Size & Condition. INTERNAL RELIEF

Relieved At. What Pressure N/A SEE 5-5-99 Below

Corrections Needed or Important Notes: NEEDS VENT LINE REPLACED IT
IS 1/2" NEED TO BE 1". REMOVE 289-H RELIEF VALVE LEAKING OFF
FISHER Reg. HAS INTERNAL RELIEF. NO NEED FOR THE 289-H

Will DISCONNECT SERVICES

5-5-99

SERVICE WILL BE RETIRED PER TROOP TRAINING

FRANK WHITMAN

Inspection Completed by Frank Whitman Date 1-28-99

MOREHEAD STATE UNIVERSITY REGULATOR, RELIEF INSPECTION DATA

RICE MAINTENANCE BUILDING

Meter Location Inside-Outside OUTSIDE

Inlet Shut Off Valve Size & Location (inside or out) 1" OUTSIDE

Meter Kind & Size ANAL 250

Regulator Location OUTSIDE

Regulator Kind & Size FISHER S 104 OFFICE 5/16

Regulator Lock Up = (7" IN) INLET (2.9") OUTLET (7")

Relief Valve Size & Condition. INTERNAL RELIEF

Relieved At. What Pressure N/A. SEE 5-10-99 Below

Corrections Needed or Important Notes:

5-10-99 - EXISTING REGULATOR WOULD NOT RELIEVE

REPLACED REGULATOR WITH LANCASTER #61

SPRING RANGE - 4 1/2 TO 9" WC

FELPS - 7" WC

WALSH - 8" WC

RELIABLE 9" WC

FRANK WHITAKER

Inspection Completed by Frank Whitaker Date 1-27-99

MOREHEAD STATE UNIVERSITY REGULATOR, RELIEF INSPECTION DATA

THOMPSON HALL

Meter Location Inside-Outside OUTSIDE

Inlet Shut Off Valve Size & Location (inside or out) 1/2 OUTSIDE

Meter Kind & Size AMAL. 1400

Regulator Location OUTSIDE

Regulator Kind & Size 243-12 1/2 ORifice 34

Regulator Lock Up = (12 in.) INLET (29") OUTLET (13" WC)

Relief Valve Size & Condition. N/A INTERNAL RELIEF

Relieved At. What Pressure N/A 5-6-99 Below

Corrections Needed or Important Notes: SPRING RANGE 6-14 in

5-6-99 SPRING RANGE = 6-14" WC

LOCK UP = 11" WC

POPS 10" WC

RELIEF 23" WC

Franz Whitman

Inspection Completed by Frank Whitman Date 1-27-99

YEARLY

MOREHEAD STATE UNIVERSITY
REGULATOR, RELIEF INSPECTION DATA

WATERFIELD HALL

Meter Location Inside-Outside INSIDE
Inlet Shut Off Valve Size & Location (inside or out) 2" Plug VALVE INSIDE
Meter Kind & Size I.C. 80B
Regulator Location INSIDE
Regulator Kind & Size AMERICAN 2455-A OFFICE
Regulator Lock Up = (8.5" INLET (29")) OUTLET (8.5")
Relief Valve Size & Condition. INTERNAL RELIEF

Relieved At. What Pressure NA 500 - 5-5-99 Below

Corrections Needed or Important Notes: NEEDS REG. CHANGED Due TO LEAK
(1/4 Reg) also VENT CAPACITY TO SMALL SEE

5-5-99- REGULATOR HAS NO RELIEF SYSTEM - ORDINARY
REGULATOR

5-10-99 INSTALLED NEW REGULATOR 1 1/4" LANCASTER
SPRING RANGE 4-7 1/2" - SET 7" WC LOCK UP 8" WC
RELIEF OPER 9" WC.

FRANK WHITTAKER

Inspection Completed by. Frank Whittaker Date 1-27-99

MOREHEAD STATE UNIVERSITY REGULATOR, RELIEF INSPECTION DATA

WEATHERBY-LAUGHLIN

Meter Location Inside-Outside OUTSIDE

Inlet Shut Off Valve Size & Location (inside or out) 2" OUTSIDE

Meter Kind & Size IC 250 B

Regulator Location OUTSIDE

Regulator Kind & Size SINGER 1813-0 ORFICE 1/2

Regulator Lock Up = (10 in) INLET (29 in) OUTLET ()

Relief Valve Size & Condition. INTERNAL RELIEF

Relieved At. What Pressure NR - SEE 5-10-99 Below

Corrections Needed or Important Notes:

5/10/99 REGULATOR RELIEVED AT 21" WC
FIELDS 8" WC
LOCKS UP 8 1/2" WC
FIELD W/100000

Inspection Completed by Frank J. White Date 1-27-99

MOREHEAD STATE UNIVERSITY
REGULATOR, RELIEF INSPECTION DATA

(LAKEWOOD) PERKINS BUILDING

Meter Location Inside-Outside OUTSIDE
Inlet Shut Off Valve Size & Location (inside or out) OUTSIDE 2"
Meter Kind & Size AMERICAN CASE 80-B - Removed
Regulator Location OUTSIDE
Regulator Kind & Size FISHER S-202 ORifice 3/8
Regulator Lock Up = (10.5) INLET (29") OUTLET ()
Relief Valve Size & Condition. INTERNAL RELIEF

Relieved At. What Pressure N/A SEE 6-11-99 BROWN

Corrections Needed or Important Notes: DIAL GLASS BROKE.

Removal meter Colley
Now Rizer

REGULATOR REVIEW AT 22" WC
FINDS 9" WC

FRANK WHITEHEAD

Inspection Completed by. Frank Whitehead Date 1-28-99

**MOREHEAD STATE UNIVERSITY
REGULATOR, RELIEF INSPECTION DATA**

(LAKEWOOD) HAGAN

Meter Location Inside-Outside OUTSIDE

Inlet Shut Off Valve Size & Location (inside or out) 2" OUT SIDE

Meter Kind & Size ROCKWELL 750 - removed

Regulator Location OUTSIDE

Regulator Kind & Size FISHER 302 - SPRING 6-14" ORPICK 3/8

Regulator Lock Up = (12.0) INLET (29*) OUTLET ()

Relief Valve Size & Condition INTERNAL Relief

Relieved At. What Pressure N/A SEE 5-11-99 BEAR

Corrections Needed or Important Notes: NEW RIZER

15-11-99 REG RELIEVES AT 22" WC.
OUTLET PRESSURE 10"

Inspection Completed by Frank S. Whiteaker Date 1-28-99

**MOREHEAD STATE UNIVERSITY
REGULATOR, RELIEF INSPECTION DATA**

(LAKEWOOD) HOLBROOK

Meter Location Inside-Outside OUTSIDE

Inlet Shut Off Valve Size & Location (inside or out) 2' OUTSIDE

Meter Kind & Size ROCKWELL 415 - REMOVED

Regulator Location OUTSIDE

Regulator Kind & Size 302 FISHER SPRING - 6-14" DEFICES 24

Regulator Lock Up = (11.0) INLET (29") OUTLET ()

Relief Valve Size & Condition INTERNAL RELIEF

Relieved At. What Pressure NA SEW 5-11-99 BROWN

Corrections Needed or Important Notes: NEW RIZER

5-11-99 - LOCK UP 11 IN W/C RELIEF 32" W/C
FEEDS 9.5 IN W/C

FRANK WHITMAN

Inspection Completed by Frank Whitman Date 1/28/99

MOREHEAD STATE UNIVERSITY
REGULATOR, RELIEF INSPECTION DATA

(LAKEWOOD) 502-504

Meter Location Inside-Outside OUTSIDE

Inlet Shut Off Valve Size & Location (inside or out) 1" OUTSIDE

Meter Kind & Size ROCKWELL 1A - removed

Regulator Location OUTSIDE

Regulator Kind & Size 5302 FISHER Spring 6-10" ORifice 3/4

Regulator Lock Up = (10.5) INLET (29#) OUTLET ()

Relief Valve Size & Condition INTERNAL Relief

Relieved At. What Pressure N/A SEE 5-17-99 Below

Corrections Needed or Important Notes: new Rizer

5-17-99

RELIEVED AT 21"

OUTLET PRESSURE 8 1/2" WC

FRANK WHITMAN

Inspection Completed by Frank B Whitman Date 1-28-99

MOREHEAD STATE UNIVERSITY REGULATOR, RELIEF INSPECTION DATA

(LAKEWOOD) 506

Meter Location Inside-Outside OUTSIDE

Inlet Shut Off Valve Size & Location (inside or out) 1/4 OUTSIDE

Meter Kind & Size AMERICAN 30 WTC - Removed

Regulator Location OUTSIDE

Regulator Kind & Size FISHER 5.302 spring 1/4" OFFICE 3/4

Regulator Lock Up = (11.5) INLET (29") OUTLET ()

Relief Valve Size & Condition. INTERNAL RELIEF

Relieved At. What Pressure N/A 50 PSI 5-11-99 BELOW

Corrections Needed or Important Notes: NEW RIZER

5-11-99
RELIEF AT 21" WC
FOPS AT 9" WC

FRANK WHITMAN

Inspection Completed by Frank Whitman Date 1-28-99

MOREHEAD STATE UNIVERSITY
REGULATOR, RELIEF INSPECTION DATA

Address:

LAKE WOOD 508

Meter Location Inside-Outside OUTSIDE

Inlet Shut Off Valve Size & Location (inside or out) 1" OUTSIDE

Meter Kind & Size AMERICAN 30LITR ROMEAL

Regulator Location OUTSIDE

Regulator Kind & Size FISHER S-300 SPRING 6"14" DEFIC 38

Regulator Lock Up = (11.0) INLET (29") OUTLET ()

Relief Valve Size & Condition. INTERNAL RELIEF

Relieved At. What Pressure N/A 505 5-11-99 BELON

Corrections Needed or Important Notes: NEW RIZER

5-11-99 REGULATOR REWORKS 21" WC

OUTLET PRESSURE - 10"

FRANK WHITAKER

Inspection Completed by Frank Whitaker Date 1-28-99

**MOREHEAD STATE UNIVERSITY
REGULATOR, RELIEF INSPECTION DATA**

(LAKEWOOD) 510-512

Meter Location Inside-Outside OUTSIDE

Inlet Shut Off Valve Size & Location (inside or out) 1" OUTSIDE

Meter Kind & Size Rockwell 1A - Removed

Regulator Location OUTSIDE

Regulator Kind & Size Filter S-302 spring 6-1/4" OFFICE 38

Regulator Lock Up = (11.2) INLET (29#) OUTLET ()

Relief Valve Size & Condition INTERNAL RELIEF

Relieved At. What Pressure NA SEE 5-11-99 BELOW

Corrections Needed or Important Notes: NEW RIZOR

5-11-99 REG. RELIEFS AT 22" WC

OUT LET ORIGINAL = 9" WC

FRANK WHITMAN

Inspection Completed by Frank Whitman Date 1-28-99

MOREHEAD STATE UNIVERSITY
REGULATOR, RELIEF INSPECTION DATA

(LAKEWOOD) 514-516

Meter Location Inside-Outside OUTSIDE

Inlet Shut Off Valve Size & Location (inside or out) 1" OUTSIDE

Meter Kind & Size ROCKWELL 1A - Removed

Regulator Location OUTSIDE

Regulator Kind & Size FISHER S-302 spring 6-14" ORFICE 3/4

Regulator Lock Up = (2410) INLET (29#) OUTLET ()

Relief Valve Size & Condition. INTERNAL RELIEF

Relieved At. What Pressure N/A SIZE 5-11-99 BEEN

Corrections Needed or Important Notes: NEW RIZER

5-11-99 Reg RELIEF 22" WC
FEELS 9" WC

FRANK WHITEHEAD

Inspection Completed by Frank Whitehead Date 1-28-99

MOREHEAD STATE UNIVERSITY REGULATOR, RELIEF INSPECTION DATA

(LAKEWOOD) 518-520

Meter Location Inside-Outside OUTSIDE

Inlet Shut Off Valve Size & Location (inside or out) 1" OUTSIDE

Meter Kind & Size Rockwell removed

Regulator Location OUTSIDE

Regulator Kind & Size FISHER S-302 (spring 6"14") ORFICE 3/8

Regulator Lock Up = (11.0) INLET (29") OUTLET ()

Relief Valve Size & Condition. INTERNAL Relief

Relieved At. What Pressure NA SEU 5-11-99 ARROW

Corrections Needed or Important Notes: NEW RIZOR

5-11-99 - Reg Reliefs 21" WC
FANS 9" WC.

FRANK NATHAN

Inspection Completed by Frank Whitaker Date 1-28-99

MOREHEAD STATE UNIVERSITY
REGULATOR, RELIEF INSPECTION DATA

(LAKEWOOD) ROYALTY HALL

Meter Location Inside-Outside OUTSIDE
Inlet Shut Off Valve Size & Location (inside or out) 2" OUTSIDE
Meter Kind & Size Rockwell 750 - removed
Regulator Location OUTSIDE
Regulator Kind & Size FISHER S-302 (spring 6.14") ORFICE 3/8
Regulator Lock Up = (11.3) INLET (29#) OUTLET ()
Relief Valve Size & Condition. INTERNAL Relief

Relieved At. What Pressure N/A - See 5-5-99 below
Corrections Needed or Important Notes: NEW Rizer

REG REVIEW AT 22" WC
FLOW 8 1/2" gpc.
FRANK WHITMAN

Inspection Completed by Frank Whitman Date 1-28-99

MOREHEAD STATE UNIVERSITY REGULATOR, RELIEF INSPECTION DATA

(LAKEWOOD) VANSANT BUILDING

Meter Location Inside-Outside OUTSIDE
 Inlet Shut Off Valve Size & Location (inside or out) 2" OUTSIDE
 Meter Kind & Size ROCKWELL 750 REMOVED
 Regulator Location OUTSIDE
 Regulator Kind & Size S-302 (BPRIM RANGE 6" 14") OFFICE 24
 Regulator Lock Up = (11.7...)-INLET (29th)-OUTLET ()
 Relief Valve Size & Condition INTERNAL RELIEF

Relieved At. What Pressure N/A See 5-5-99 Below
 Corrections Needed or Important Notes: NEW RIZER

5-5-99 Reg Results at 22" WC after
Cleaned Ploaka pipe sludge from Regulator seat
Flow 9.5" WC FRANK WHITMAN

Inspection Completed by Frank Whitman Date 1-28-99

**MOREHEAD STATE UNIVERSITY
REGULATOR, RELIEF INSPECTION DATA**

(LAKEWOCK) SHADER HALL

Meter Location Inside-Outside OUTSIDE

Inlet Shut Off Valve Size & Location (inside or out) 2" OUTSIDE

Meter Kind & Size Rockwell 750 - Removed

Regulator Location OUTSIDE

Regulator Kind & Size S-302 spring 6-14" ORFICE 24

Regulator Lock Up = (10.2) INLET (29") OUTLET

Relief Valve Size & Condition. INTERNAL Relief

Relieved At. What Pressure NA See 5-5-99 Brown

Corrections Needed or Important Notes: NEW RIZER

5-5-99 RELIEF AT 22" WC.
FIELDS 10" WC
FRANK WHITAKER

Inspection Completed by: Frank Whitaker Date 1-28-99

MOREHEAD STATE UNIVERSITY
REGULATOR, RELIEF INSPECTION DATA

(LAKEWOOD) PERATT

Meter Location Inside-Outside OUTSIDE

Inlet Shut Off Valve Size & Location (inside or out) 2" OUTSIDE

Meter Kind & Size ROCKWELL 750 - removed

Regulator Location OUTSIDE

Regulator Kind & Size S-302 SPRING 6-14" OFFICE 3/8

Regulator Lock Up = (12.0) INLET (2A#) OUTLET ()

Relief Valve Size & Condition INTERNAL RELIEF

Relieved At. What Pressure N/A (22" WC SEP 5-599) Relief

Corrections Needed or Important Notes: NEW RIZER

5-5-99 Relieved at 22" WC.

FEELS 10" WC.

FRANK WHITMAN

Inspection Completed by Frank Whitman Date 1-28-99

MOREHEAD STATE UNIVERSITY
REGULATOR, RELIEF INSPECTION DATA

(LAKEWOOD) HUMPHRE

Meter Location Inside-Outside OUTSIDE

Inlet Shut Off Valve Size & Location (inside or out) 2" OUTSIDE

Meter Kind & Size Rockwell 750 REMOVED

Regulator Location OUTSIDE

Regulator Kind & Size S-302 (spring 6'14") OFFICE 308

Regulator Lock Up = (10.8) INLET (29#) OUTLET ()

Relief Valve Size & Condition INTERNAL Relief

Relieved At. What Pressure NA SEE 5-599 BELOW

Corrections Needed or Important Notes: NEW RIZER

5-599 RELIEVES AT 21" WC
FEELS 10" WC

FRANK WITMAN

Inspection Completed by Frank Whitman Date 1-28-99

MOREHEAD STATE UNIVERSITY REGULATOR, RELIEF INSPECTION DATA

(LAKEWOOD) LEWIS

Meter Location Inside-Outside OUTSIDE

Inlet Shut Off Valve Size & Location (inside or out) 1" OUTSIDE

Meter Kind & Size Rockwell 750 - removed

Regulator Location OUTSIDE

Regulator Kind & Size S.302 (spring 6-14") ORFICE 3/8

Regulator Lock Up = (10.5) INLET (29#) OUTLET ()

Relief Valve Size & Condition. INTERNAL Relief

Relieved At. What Pressure N/A SRV 5-11-99 BLW

Corrections Needed or Important Notes: new Rizer

REGULATOR RELIEFS AT 22" HG

OUTLET PRESS 9.4 INCHES HG

FRANK WATMAN

Inspection Completed by Frank W. Watman Date 1-28-99

MOREHEAD STATE UNIVERSITY REGULATOR, RELIEF INSPECTION DATA

(LAKEWOOD) LAUNDRY

Meter Location Inside-Outside OUTSIDE

Inlet Shut Off Valve Size & Location (inside or out) 1" OUTSIDE

Meter Kind & Size I.C. 30 LITE - Removed

Regulator Location OUTSIDE

Regulator Kind & Size S-302 (SERIAL 6-14") ORFICE 3/8

Regulator Lock Up = (10.5) INLET (29#) OUTLET ()

Relief Valve Size & Condition. INTERNAL Relief

Relieved At. What Pressure ✓ F. SER 5-11-99 BELOW

Corrections Needed or Important Notes: NEW RIZER
5-11-99 RELIEFS 20" WC.
OUTLET = 8" WC

FRANK WHITMAN

Inspection Completed by Frank Whitman Date 5-28-99

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC COMMISSION
CASE NO. 99-071

RECEIVED
MAY 06 1999
PUBLIC SERVICE
COMMISSION

IN THE MATTER OF:

MOREHEAD STATE UNIVERSITY
INVESTIGATION INTO ALLEGED VIOLATIONS OF
807 KAR 5:022, SECTIONS 4(13); 9(13); 10(4);
10(16); 13(9); 14(5)(c); 14(13)(d); 14(21); 14(23),
AND 14(25) AND 49 CFR 192.201; 192.375; 192.455;
192.479; 192.615; 192.707; 192.723; 192.739; 192.743;
AND 192.747

SUPPLEMENTAL RESPONSE TO MARCH 9, 1999 ORDER

Comes the Respondent, Morehead State University ("MSU"), by counsel, and for its supplemental response to the Order previously entered by the Commonwealth of Kentucky, Public Service Commission (the "Commission"), on March 9, 1999, hereby states as follows:

An informal conference was held on April 22, 1999, at 10:00 a.m. at the Commission's offices regarding the above-referenced matter. Present on behalf of the Commission were Commission Staff Members Dale Wright, Larry Amburgey and David Kinman, as well as MSU representatives Jon Woodall, Esq., Porter Dailey and Joe Planck. A memorandum dated April 26, 1999 was subsequently drafted by Mr. Wright and addressed to main case file 99-071 detailing the substance of the informal conference.

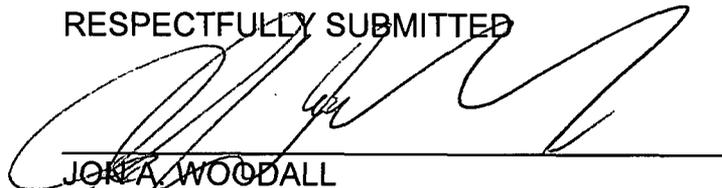
At the conference, MSU agreed to promptly generate a schedule for correction of relief valve problems that were alleged to exist at MSU and which were noted in Moore Pipeline Corrosion Services' inspection. A relief valve correction schedule is attached hereto as Exhibit "A" and incorporated herein by reference the same as if set forth

verbatim. All corrections are to be completed by May 7, 1999. The items list in Exhibit "A" to be corrected by MSU staff by May 5, 1999 have in fact been completed. MSU also wants to inform the Commission that it has contracted with Moore Pipeline Corrosion Services to complete pressure testing of all relief valves. This scope of work is to be completed during the month of May, 1999.

A gas system survey is attached hereto as Exhibit "B" and incorporated herein by reference the same as if set forth verbatim. This survey delineates facilities with steel piping in the ground that are required to be cathodically protected or replaced with plastic pipe. Many of these facilities have already been corrected and the schedule specifically states when the remainder of the corrections will be made.

WHEREFORE, MSU respectfully requests that the Commission deem the further corrective actions taken by MSU satisfactory.

RESPECTFULLY SUBMITTED



JONA WOODALL
MCBRAYER, MCGINNIS, LESLIE
& KIRKLAND, PLLC
163 WEST SHORT STREET, SUITE 300
LEXINGTON, KENTUCKY 40507
(606)231-8780
COUNSEL FOR
MOREHEAD STATE UNIVERSITY

CERTIFICATE OF SERVICE

This is to certify that the foregoing was served by mailing same, first class mail, postage prepaid, to:

Dale Wright, Esq.
Public Service Commission
730 Schenkel Lane
P.O. Box 615
Frankfort, KY 40602

Helen C. Helton
Executive Director
Public Service Commission
730 Schenkel Lane
P.O. Box 615
Frankfort, KY 40602

David B. Kenman
Gas Utility Investigator
Gas Branch
Public Service Commission
730 Schenkel Lane
P.O. Box 615
Frankfort, KY 40602

on this the 5th day of May, 1999.



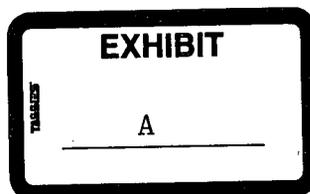
COUNSEL FOR MOREHEAD
STATE UNIVERSITY

Jaw\morehead\public comm\response

**MOREHEAD STATE UNIVERSITY
RELIEF VALVE INSPECTION
JANUARY 1999**

Facility	Correction Needed	Schedule For Correction
Cartmell Hall	Relief valve full of water	Contractor with Moore Pipeline Corrosion Service to replace 5/7/99
Fields Hall	Need to replace vent	Morehead State University staff to correct by 5/5/99
Lappin Hall	Need to replace relief valve	Contracted with Moore Pipeline Corrosion Service to replace 5/7/99
	Need to replace vents	Morehead State University staff to correct by 5/5/99
Library	Need to install test plug	Morehead State University staff to correct by 5/5/99
Rader Hall	Need to replace vent	Morehead State University staff to correct by 5/5/99
Reed Hall	Need to replace vent	Morehead State University staff to correct by 5/5/99
Regents Hall	Need to replace vent	Morehead State University staff to correct by 5/5/99
	Valve leaking	Contracted with Moore Pipeline Corrosion Service to disconnect 5/7
Waterfield Hall	Regulator leaking	Contracted with Moore Pipeline Corrosion Service to disconnect 5/7
	Vent too small	Morehead State University staff to correct by 5/5/99

4/26/99sw



MOREHEAD STATE UNIVERSITY

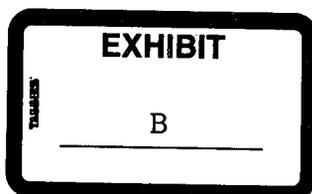
GAS SYSTEM SURVEY

APRIL 1999

FACILITIES WITH STEEL PIPE THAT NEEDS TO BE CATHODICALLY PROTECTED OR REPLACED

Facility	Comments/Schedule For Correction
Alumni Tower	To be corrected by July 2000
Baird Music	To be corrected by July 2000
Carter Hall	Corrected - New Risers 4/3/99
Cooper Hall (Disconnect)	To be corrected by June 1999
East Mignon Hall	Corrected - Disconnected 2/19/99
Fields Hall	To be corrected by July 1999
Five Duplexes	Corrected - New Risers 4/3/99
Ginger Hall (Disconnect)	To be corrected by July 1999
Haggan Hall	Corrected - New Risers 4/3/99
Holbrook Hall	Corrected - New Risers 4/3/99
Humphrey Hall	Corrected - New Risers 4/3/99
Lappin Hall	To be corrected by July 2000
Laughlin (Disconnect)	To be corrected by July 1999
Library Tower (Change Riser)	To be corrected by July 1999
Lloyd Cassity	To be corrected by July 2000
Mignon Hall	Corrected - Disconnected 2/19/99
Mignon Tower (Change Riser)	To be corrected by July 1999
Normal Hall (Change Riser)	To be corrected by July 1999
Nunn Hall	Corrected - New Risers 4/3/99
Perkins Hall	Corrected - New Risers 4/3/99
Perratt Hall	Corrected - New Risers 4/3/99
President's Home	To be corrected by July 1999
Rader Hall	To be corrected by July 1999
Reed Hall	To be corrected by July 2000
Rice Building (Disconnect)	To be corrected by July 1999
Regents Hall (Disconnect)	To be corrected by June 1999
Royalty Hall	Corrected - New Risers 4/3/99
Shader Hall	Corrected - New Risers 4/3/99
Vasant Hall	Corrected - New Risers 4/3/99
Waterfield Hall	To be corrected by July 2000
West Mignon Hall	Corrected - Disconnected 2/19/99
Wilson Hall (Disconnect)	To be corrected by June 1999

04/26/99sw





COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION
730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KENTUCKY 40602
www.psc.state.ky.us
(502) 564-3940
Fax (502) 564-3460

Ronald B. McCloud, Secretary
Public Protection and
Regulation Cabinet

Helen Helton
Executive Director
Public Service Commission

Paul E. Patton
Governor

April 26, 1999

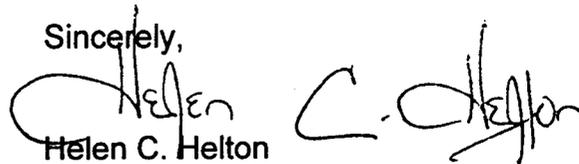
Hon. Jon A Woodall
McBrayer, McGinnis, Leslie
& Kirkland, PLLC
163 West Short Street, Suite 300
Lexington, Kentucky 40507

Re: Case No. 99-071

Dear Mr. Woodall:

Attached is a copy of the memorandum which is being filed into the record of the above-referenced case. If you have any comments that you would like to make regarding the contents of the informal conference memorandum, please do so within five days of receipt of this letter. Should you have any questions regarding same, please contact Dale Wright at (502) 564-3940, Extension 235.

Sincerely,


Helen C. Helton
Executive Director

Attachment

INTRA-AGENCY MEMORANDUM
KENTUCKY PUBLIC SERVICE COMMISSION

TO: Main Case File 99-071

FROM: Dale Wright 
Staff Attorney

DATE: April 26, 1999

RE: Informal Conference
Morehead State University ("MSU")
Case No. 99-071

On April 22, 1999, at 10:00 a.m., an informal conference was held in the above-named case at Commission offices. Present on behalf of the Commission was Commission Staff Dale Wright, Larry Amburgey and David Kinman and MSU representatives Jon Woodall, Esq., Porter Dailey and Joe Planck.

On March 9, 1999, MSU filed its response to the Commission's show cause order together with documentation showing that MSU begin immediately to address the violations discovered by Commission Staff during an inspection on December 17, 1998. MSU's good faith effort prior to the Commission's Order dated March 9, 1999 is noted.

The documentation reflected that the issues of key valve inspection and testing, emergency procedures, gas valve reports, and gas leakage were addressed and resolved correctly. The issues concerning gas regulators and relief valves was discussed. Commission Staff noted that many of the regulator relief inspection reports did not indicate at what pressure the regulators would release nor that they had been tested. Other such reports indicated that certain work "needs" to be done. Other miscellaneous violations were discussed and need to be addressed by MSU.

Another issue was employee training. MSU showed proof that a training program sponsored by the Kentucky Gas Association was to be conducted at MSU in early May 1999. Also, MSU indicated that whatever education and training needed would be accomplished.

Case No. 99-071

April 26, 1999

Page Two

The Commission Staff wanted the regulator relief issue addressed immediately. The issue of penalty was discussed in terms of an approximate amount of \$2,500. The Commission Staff agrees to attempt to allow the penalty funds to be returned or used by MSU to pay for equipment and training.

It was agreed that MSU would immediately and no later than 10 days from receipt of this memorandum submit to Commission Staff a compliance schedule for review and approval. Upon full compliance by MSU, Commission Staff will conduct a follow up inspection.

cc: Parties of Record



COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION

730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KY. 40602
(502) 564-3940

April 5, 1999

Ronald G. Eaglin
President
Morehead State University
W. H. Rice Service Building
UPO 831
Morehead, KY. 40351 1689

RE: Case No. 99-071

We enclose one attested copy of the Commission's Order in
the above case.

Sincerely,

A handwritten signature in cursive script that reads "Stephanie Bell".

Stephanie Bell
Secretary of the Commission

SB/sa
Enclosure

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

MOREHEAD STATE UNIVERSITY INVESTIGATION)
INTO ALLEGED VIOLATIONS OF 807 KAR 5:022,)
SECTIONS 4(13); 9(13); 10(4); 10(16); 13(9); 14(5)(c);) CASE NO. 99-071
14(13)(d); 14(21); 14(23), AND 14(25) AND)
49 CFR 192.201; 192.375; 192.455; 192.479; 192.615;)
192.707; 192.723; 192.739; 192.743; AND 192.747)

O R D E R

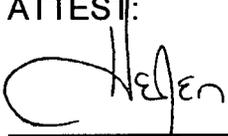
Morehead State University ("MSU") having moved for an extension of time until April 20, 1999 in which to respond to the Commission's March 9, 1999 show cause Order and to schedule an informal conference and the Commission, finding good cause, HEREBY ORDERS that:

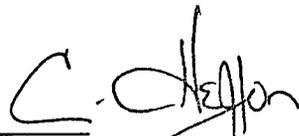
1. MSU's motion for extension until April 20, 1999 is granted.
2. The hearing scheduled for April 6, 1999 is cancelled and an informal conference is scheduled on April 22, 1999 at 10:00 a.m., Eastern Daylight Time, in Conference Room 2 of the Commission's offices at 730 Schenkel Lane, Frankfort, Kentucky.

Done at Frankfort, Kentucky, this 5th day of April, 1999.

By the Commission

ATTEST:


Executive Director



COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC COMMISSION
CASE NO. 99-071

RECEIVED

MAR 30 1999

PUBLIC SERVICE
COMMISSION

IN THE MATTER OF:

MOREHEAD STATE UNIVERSITY
INVESTIGATION INTO ALLEGED VIOLATIONS OF
807 KAR 5:022, SECTIONS 4(13); 9(13); 10(4);
10(16); 13(9); 14(5)(c); 14(13)(d); 14(21); 14(23),
AND 14(25) AND 49 CFR 192.201; 192.375; 192.455;
192.479; 192.615; 192.707; 192.723; 192.739; 192.743;
AND 192.747

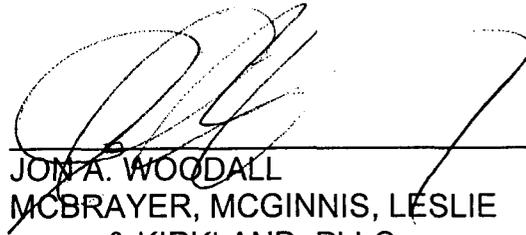
MOTION FOR EXTENSION OF TIME
TO FILE A RESPONSE AND FOR
AN INFORMAL CONFERENCE

Comes Morehead State University ("MSU"), by counsel, and hereby moves the Commonwealth of Kentucky, Public Service Commission (the "Commission") for an Order granting MSU an extension of time within which to respond to the allegations contained in the Comprehensive Inspection Report previously prepared by the Commission as well as in the Commission's Order of March 9, 1999. MSU further moves the Commission for an Order scheduling an informal conference in order to discuss the alleged violations at issue in this matter. In support of its motion, MSU states as follows:

MSU has received a copy of the Commission's Comprehensive Inspection Report as well as its Order dated March 9, 1999. In response to the issuance of said Order, MSU has acted in good faith to immediately address the violations alleged to exist. MSU respectfully requests that the Commission grant it an extension up to and including April 20, 1999 within which to file a response to the Commission's Comprehensive Inspection

Report and Order and, further, that it set a date certain upon which an informal conference can be held to discuss the alleged violations at issue.

RESPECTFULLY SUBMITTED



JON A. WOODALL
MCBRAYER, MCGINNIS, LESLIE
& KIRKLAND, PLLC
163 WEST SHORT STREET, SUITE 300
LEXINGTON, KENTUCKY 40507
(606)231-8780
COUNSEL FOR
MOREHEAD STATE UNIVERSITY

NOTICE

Notice is hereby given that the foregoing motion will come on for hearing at the convenience of the Public Service Commission.

CERTIFICATE OF SERVICE

This is to certify that the foregoing was served by mailing same, first class mail, postage prepaid, to:

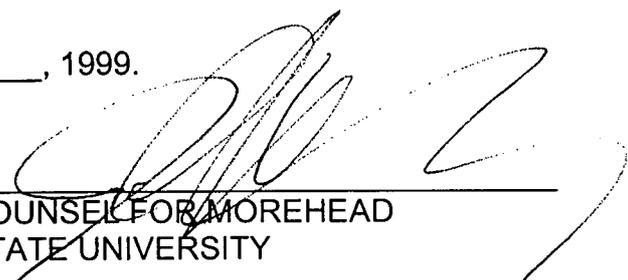
Public Service Commission
730 Schenkel Lane
P.O. Box 615
Frankfort, KY 40602

Dale Wright, Esq.
Public Service Commission
730 Schenkel Lane
P.O. Box 615
Frankfort, KY 40602

Helen C. Helton
Executive Director
Public Service Commission
730 Schenkel Lane
P.O. Box 615
Frankfort, KY 40602

David B. Kenman
Gas Utility Investigator
Gas Branch
Public Service Commission
730 Schenkel Lane
P.O. Box 615
Frankfort, KY 40602

on this the 20th day of March, 1999.



COUNSEL FOR MOREHEAD
STATE UNIVERSITY

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC COMMISSION
CASE NO. 99-071

IN THE MATTER OF:

MOREHEAD STATE UNIVERSITY
INVESTIGATION INTO ALLEGED VIOLATIONS OF
807 KAR 5:022, SECTIONS 4(13); 9(13); 10(4);
10(16); 13(9); 14(5)(c); 14(13)(d); 14(21); 14(23),
AND 14(25) AND 49 CFR 192.201; 192.375; 192.455;
192.479; 192.615; 192.707; 192.723; 192.739; 192.743;
AND 192.747

RECEIVED
MAR 29 1999
PUBLIC SERVICE
COMMISSION

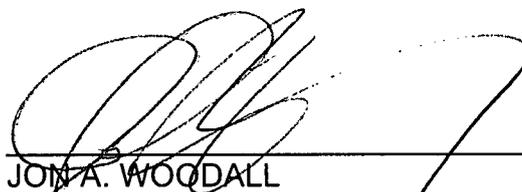
MOTION FOR EXTENSION OF TIME
TO FILE A RESPONSE AND FOR
AN INFORMAL CONFERENCE

Comes Morehead State University ("MSU"), by counsel, and hereby moves the Commonwealth of Kentucky, Public Service Commission (the "Commission") for an Order granting MSU an extension of time within which to respond to the allegations contained in the Comprehensive Inspection Report previously prepared by the Commission as well as in the Commission's Order of March 9, 1999. MSU further moves the Commission for an Order scheduling an informal conference in order to discuss the alleged violations at issue in this matter. In support of its motion, MSU states as follows:

MSU has received a copy of the Commission's Comprehensive Inspection Report as well as its Order dated March 9, 1999. In response to the issuance of said Order, MSU has acted in good faith to immediately address the violations alleged to exist. MSU respectfully requests that the Commission grant it an extension up to and including April 20, 1999 within which to file a response to the Commission's Comprehensive Inspection

Report and Order and, further, that it set a date certain upon which an informal conference can be held to discuss the alleged violations at issue.

RESPECTFULLY SUBMITTED



JON A. WOODALL
MCBRAYER, MCGINNIS, LESLIE
& KIRKLAND, PLLC
163 WEST SHORT STREET, SUITE 300
LEXINGTON, KENTUCKY 40507
(606)231-8780
COUNSEL FOR
MOREHEAD STATE UNIVERSITY

NOTICE

Notice is hereby given that the foregoing motion will come on for hearing at the convenience of the Public Service Commission.

CERTIFICATE OF SERVICE

This is to certify that the foregoing was served by mailing same, first class mail, postage prepaid, to:

Public Service Commission
730 Schenkel Lane
P.O. Box 615
Frankfort, KY 40602

Dale Wright, Esq.
Public Service Commission
730 Schenkel Lane
P.O. Box 615
Frankfort, KY 40602

Helen C. Helton
Executive Director
Public Service Commission
730 Schenkel Lane
P.O. Box 615
Frankfort, KY 40602

David B. Kenman
Gas Utility Investigator
Gas Branch
Public Service Commission
730 Schenkel Lane
P.O. Box 615
Frankfort, KY 40602

on this the 29th day of March, 1999.



COUNSEL FOR MOREHEAD
STATE UNIVERSITY

Jaw\morehead\public comm\extension of time



COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION

730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KY. 40602
(502) 564-3940

March 9, 1999

Ronald G. Eaglin
President
Morehead State University
W. H. Rice Service Building
UPO 831
Morehead, KY. 40351 1689

RE: Case No. 99-071

We enclose one attested copy of the Commission's Order in
the above case.

Sincerely,

A handwritten signature in cursive script that reads "Stephanie Bell".

Stephanie Bell
Secretary of the Commission

SB/sa
Enclosure

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

MOREHEAD STATE UNIVERSITY)	
_____)	
INVESTIGATION INTO ALLEGED)	
VIOLATIONS OF 807 KAR 5:022,)	
SECTIONS 4(13); 9(13); 10(4);)	CASE NO. 99-071
10(16); 13(9); 14(5)(c); 14(13)(d);)	
14(21); 14(23), AND 14(25) AND)	
49 CFR 192.201; 192.375; 192.455;)	
192.479; 192.615; 192.707; 192.723;)	
192.739; 192.743; AND 192.747)	

O R D E R

Morehead State University ("Morehead") is a master meter gas system operator which receives its natural gas from Morehead Municipal Gas System. Morehead, as a master meter gas system operator, is subject to the safety jurisdiction of the Commission pursuant to KRS 278.495 and KRS 278.992(1).

KRS 278.495(2) authorizes the Commission to regulate the safety of natural gas facilities comprising a master metering system. Administrative Regulation 807 KAR 5:022 sets, *inter alia*, standards for safety in regard to natural gas facilities. In addition, the Commission enforces the minimum safety standards adopted by the United States Department of Transportation pursuant to the federal pipeline safety laws, 49 U.S.C. § 60101, *et seq.*, and amendments thereto, pursuant to KRS 278.992(1).

On December 17, 1998, Commission Staff conducted a comprehensive inspection of Morehead and, based upon said inspection, Commission Staff on

January 11, 1999, issued a Comprehensive Inspection Report ("Report") [copy attached]. The Report details the discovery of ten violations of 807 KAR 5:022 and 49 CFR 192 as set out for identification purposes in ten numbered paragraphs as follows with the corresponding number as set out in the Report:

1. (No. 7 of Report). There are no calculations available to prove that the relief valves are adequate in size and capacity to prevent over-pressure. 807 KAR 5:022, Section 4(13) and 49 CFR 192.201.

2. (No. 9 of Report). Above ground plastic pipe was found at Nunn Hall Dormitory. 807 KAR 5:022, Section 9(13) and 49 CFR 192.375.

3. (No. 4 of Report). The risers at the Lakewood Apartments married-student area are not cathodically protected. 807 KAR 5:022, Section 10(4) and 49 CFR 192.455.

4. (No. 3 of Report). The risers at Mignon Hall Dormitory show evidence of atmospheric corrosion. 807 KAR 5:022, Section 10(16) and 49 CFR 192.479.

5. (No. 1 of Report). The emergency plan does not establish written procedures to minimize hazards resulting from pipeline emergencies. 807 KAR 5:022, Section 13(9) and 49 CFR 192.615.

6. (No. 2 of Report). The regulator station does not have a sign denoting ownership and a telephone number to call in the event of an emergency. 807 KAR 5:022, Section 14(5)(c) and 49 CFR 192.707.

7. (No. 10 of Report). Leakage was noted at Mignon Hall and Nunn Hall Dormitories. 807 KAR 5:022, Section 14(13)(d) and 49 CFR 192.723.

8. (No. 5 of Report). The system regulators have not been inspected annually. 807 KAR 5:022, Section 14(21) and 49 CFR 192.739.

9. (No. 6 of Report). The system relief valves have not been tested annually. 807 KAR 5:022, Section 14(23) and 49 CFR 192.743.

10. (No. 8 of Report). Key valves are not tested annually. 807 KAR 5:022, Section 14(25) and 49 CFR 192.747.

The Report notes that violations identified in numerical paragraphs 3, 5, 8 and 9 are repeat violations which are identified as violations discovered in a prior Comprehensive Inspection conducted on August 22, 1995.

The Commission, based upon the facts contained in the Comprehensive Inspection Report dated January 11, 1999, finds sufficient evidence to believe that Morehead has failed to comply with the above-identified provisions of 807 KAR 5:022 and 49 CFR 192.

The Commission, on its own motion, HEREBY ORDERS that:

1. Morehead shall submit to the Commission within 20 days of the date of this Order a written response to the allegations contained in the Comprehensive Inspection Report.

2. Morehead shall appear on the 6th day of April, 1999, at 9:00 a.m., Eastern Daylight Time, in Hearing Room 1 of the Commission's offices, at 730 Schenkel Lane, Frankfort, Kentucky, for the purposes of presenting evidence regarding the alleged violations above named and of showing cause, if any, why it should not be subject to the penalties prescribed in KRS 278.990(1) and KRS 278.992(1) for the alleged violations.

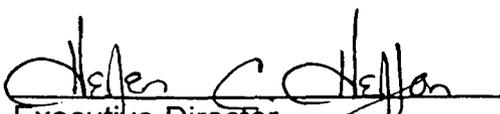
3. The Comprehensive Inspection Report dated January 11, 1999 is hereby made a part of the record herein.

4. Any requests for an informal conference with Commission Staff to consider any matter which would expedite the handling or disposition of this proceeding shall be filed with the Commission no later than 20 days from the date of this Order.

Done at Frankfort, Kentucky, this 9th day of March, 1999.

By the Commission

ATTEST:


Executive Director

COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION

COMPREHENSIVE INSPECTION REPORT

MOREHEAD STATE UNIVERSITY
Morehead, Kentucky

January 11, 1999

BRIEF

A comprehensive inspection of the natural gas system of the Morehead State University ("Morehead") was conducted on December 17, 1998. This inspection was conducted in accordance with the Public Service Commission's ("PSC") policy of inspecting all jurisdictional operators. Natural gas operators are jurisdictional to the PSC under KRS 278.040, 278.495 and also through a 5(a) Agreement with the United States Department of Transportation, Office of Pipeline Safety, for the enforcement of the Natural Gas Pipeline Safety Act of 1968.

INSPECTION

Assisted by Mr. Joe Planck, Director of Physical Plant, and Mr. Todd Thacker, Maintenance Superintendent, a comprehensive inspection was conducted on December 17, 1998. Morehead is a master meter gas system receiving its gas through the Morehead Municipal Gas System. Morehead distributes its gas through a network of plastic and steel gas lines at approximately 20 pounds per square inch gauge to numerous housing units, dorms and classrooms for various purposes including cooking, heat, and hot water.

A master meter system is defined in 49 CFR Part 191.3 as a pipeline system for delivering gas within, but not limited to, a definable area such as a mobile home park,

housing or apartment complexes where the operator purchases gas from an outside source for resale through a gas distribution system. The gas distribution pipeline system supplies the ultimate consumer who either purchases the gas directly or through other means, such as rent.

The intent of this inspection and subsequent inspections of other master meter operators is to afford the residents of these master meter complexes the same standards of safety that are required by other operators.

During the inspection the Operating and Maintenance and Emergency Plans, leakage survey, corrosion survey, key valve and records were reviewed along with other pertinent records. Visits were made to meters and regulators on the system.

Deficiencies noted during this inspection will be further discussed in the findings section of this report.

FINDINGS

The following deficiencies were noted during the inspection.

1. The emergency plan does not establish written procedures to minimize hazards resulting from pipeline emergencies. 49 CFR 192.615 and 807 KAR 5:022, Section 13(9).
2. The regulator station does not have a sign denoting ownership and a telephone number to call in the event of an emergency. 49 CFR 192.707 and 807 KAR 5:022, Section 14(5)(c).
3. The riser at Mignon Hall shows evidence of atmospheric corrosion. 49 CFR 192.479 and 807 KAR 5:022, Section 10(16).

4. The risers at the Lakewood Apartment area are not cathodically protected. 49 CFR 192.455 and 807 KAR 5:022, Section 10(4).
5. The system regulators have not been inspected annually. 49 CFR 192.739 and 807 KAR 5:022, Section 14(21).
6. The system relief valves have not been tested annually. 49 CFR 192.743 and 807 KAR 5:022, Section 14(23).
7. There are no calculations available to prove that the relief valves are adequate in size and capacity to prevent overpressure. 49 CFR 192.201 and 807 KAR 5:022, Section 4(13).
8. Key valves are not tested annually. 49 CFR 192.747 and 807 KAR 5:022, Section 14(25).
9. Aboveground plastic pipe was found at Nunn Hall. 49 CFR 192.375 and 807 KAR 5:022, Section 9(13).
10. Leakage was noted at Mignon and Nunn Halls. 49 CFR 192.723 and 807 KAR 5:022, Section 14(13)(d).

RECOMMENDATIONS

It is recommended that Morehead:

1. Rewrite its emergency plan with specific instructions for employees to follow in the event of emergencies such as those listed in the regulation cited.
2. Post a sign at the regulator station complete with telephone numbers of the persons to contact in the event of an emergency.

3. Steps must be taken to correct atmospheric corrosion in those areas where it has occurred and to prevent it in other areas.
4. All steel piping in the ground must either be cathodically protected or replaced by plastic pipe.
5. Each pressure limiting station must be tested annually, not to exceed 15 months, to assure that it is in good mechanical condition, and set to operate at the correct pressure. Documentation of these inspections must be maintained.
6. All system relief valves must be tested annually, not to exceed 15 months, in order to assure that they are set at the correct pressures and will operate in the event of an emergency.
7. All relief valves in the system must be sized correctly in order to prove that they will relieve the necessary volumes of gas in the event of a regulator failure.
8. All key valves in the system must be tested annually not to exceed 15 months and documentation must be kept of these maintenance activities.
9. Any aboveground plastic pipe must be buried or replaced with steel pipe.
10. All leakage found on the system must be graded for potential hazard and repaired as required.

It is further recommended that a copy of this report be sent to Morehead directing it to respond by February 5, 1999 with a plan of correction to the cited deficiencies for Commission approval. It should be noted that violations 1, 4, 5, and 6 are repeat violations from a comprehensive inspection of August 22, 1995.

Report – Morehead State University
January 11, 1999
Page 5

It is further recommended that the Commission initiate a hearing to allow Morehead to show cause why it should not be penalized for failure to comply with the pipeline safety regulations.

Respectfully submitted,



David B. Kinman
Gas Utility Investigator
Gas Branch

LLA
WATJ

DBK:dcp
9900400